Quantitation Report (Qedit)

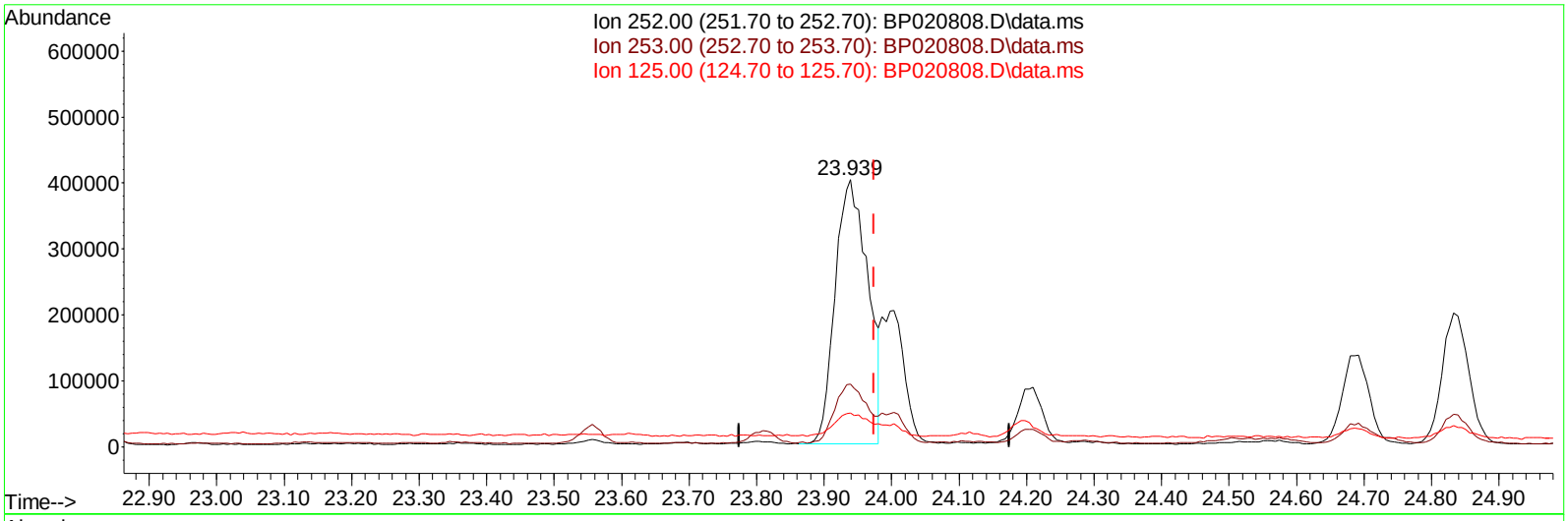
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070524\
Data File : BP020808.D
Acq On : 06 Jul 2024 05:33
Operator : MA/JU
Sample : P2964-11
Misc :
ALS Vial : 27 Sample Multiplier: 1

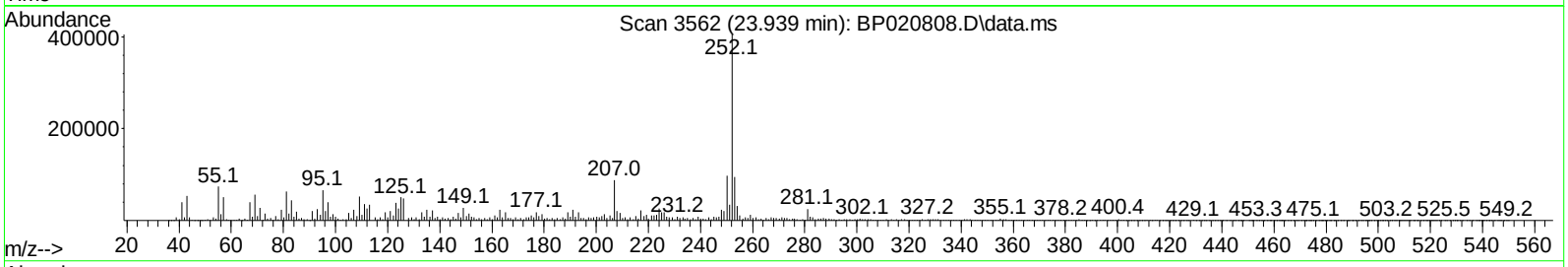
Quant Time: Jul 06 05:59:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 15:01:56 2024
Response via : Initial Calibration

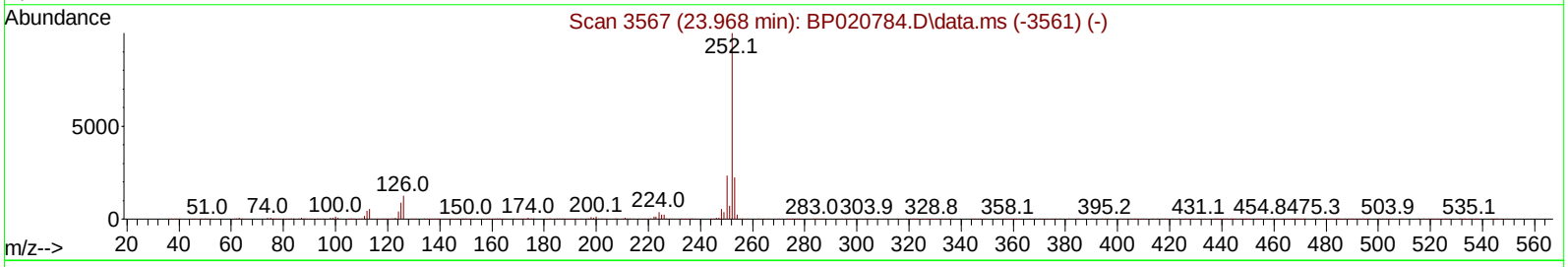
**Instrument :**
BNA_P
**ClientSampleId :**
A4CS5

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024




TIC: BP020808.D\data.ms

**(91) Benzo(k)fluoranthene**

**23.939min (-0.035) 17.59 ng/ul**

**response 1352171**

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 22.00 | 23.52 |
| 125.00 | 9.90 | 12.52# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070524\
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Acq On : 06 Jul 2024 05:33
Operator : MA/JU
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Misc :
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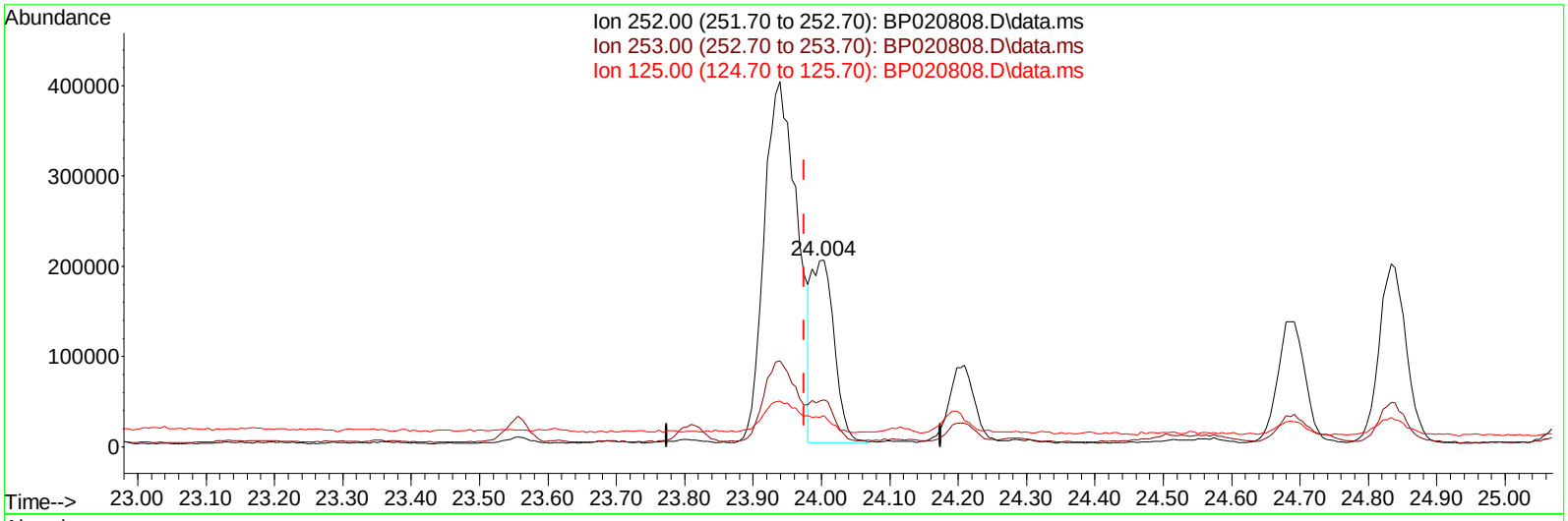
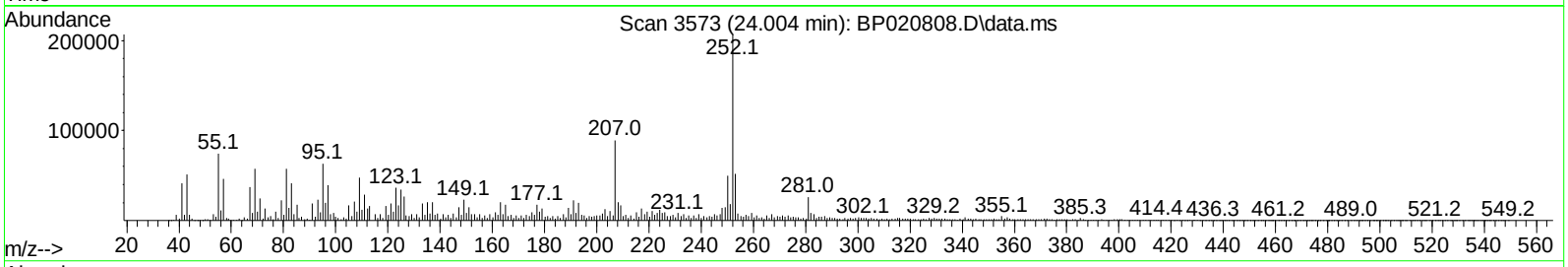
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 15:01:56 2024
Response via : Initial Calibration

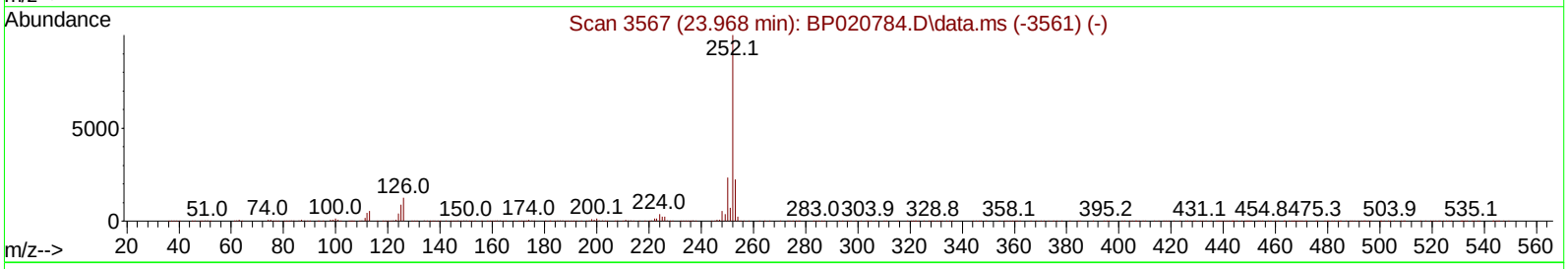
**Instrument :**
BNA_P
**ClientSampleId :**
A4CS5

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024




TIC: BP020808.D\data.ms

**(91) Benzo(k)fluoranthene**

**24.004min (+ 0.029) 6.04 ng/ul m**

**response 464223**

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 22.00 | 25.11 |
| 125.00 | 9.90 | 16.70# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

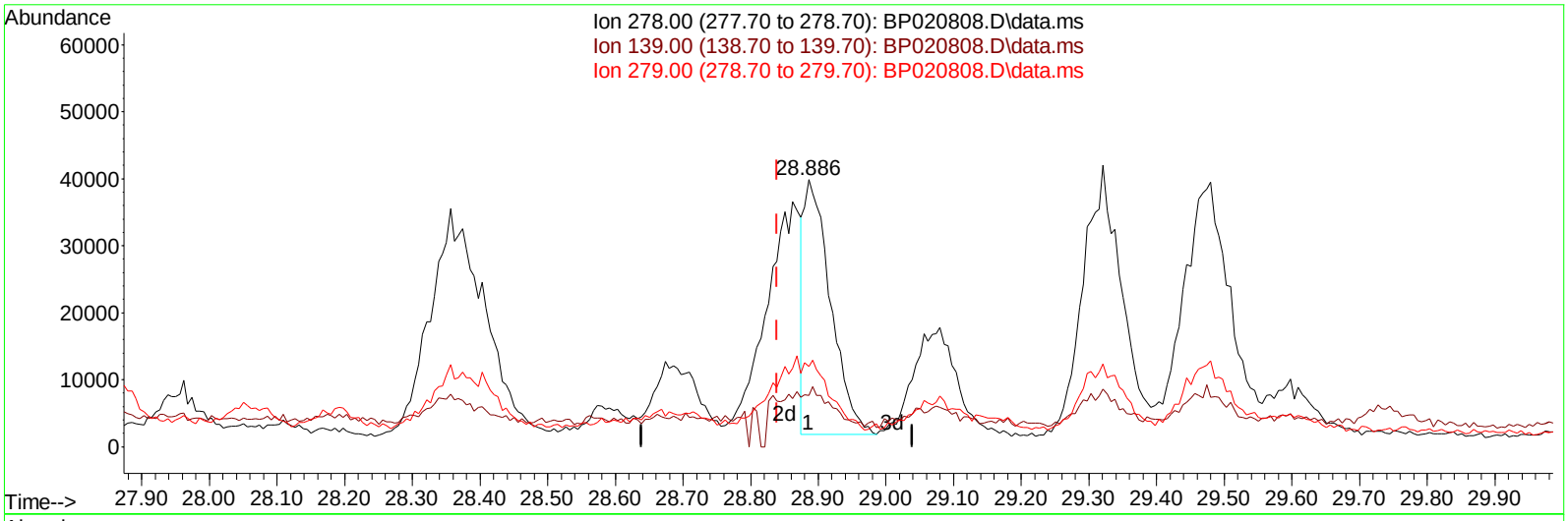
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070524\
Data File : BP020808.D
Acq On : 06 Jul 2024 05:33
Operator : MA/JU
Sample : P2964-11
Misc :
ALS Vial : 27 Sample Multiplier: 1

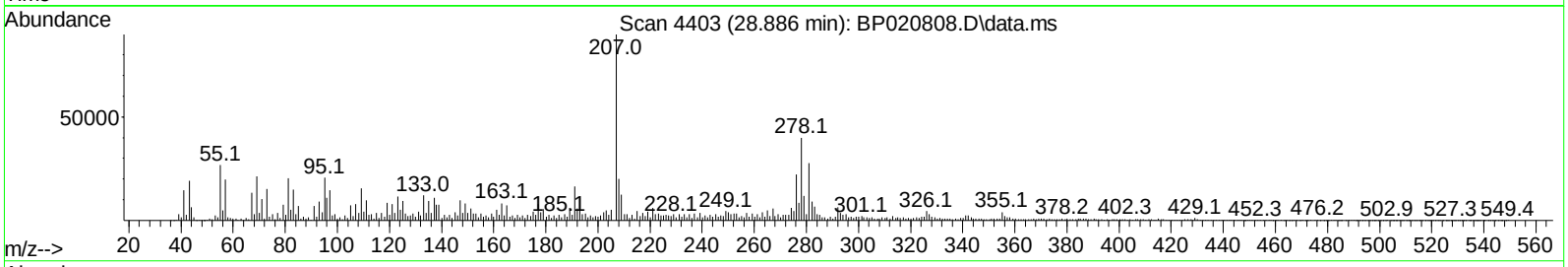
Quant Time: Jul 06 05:59:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 15:01:56 2024
Response via : Initial Calibration

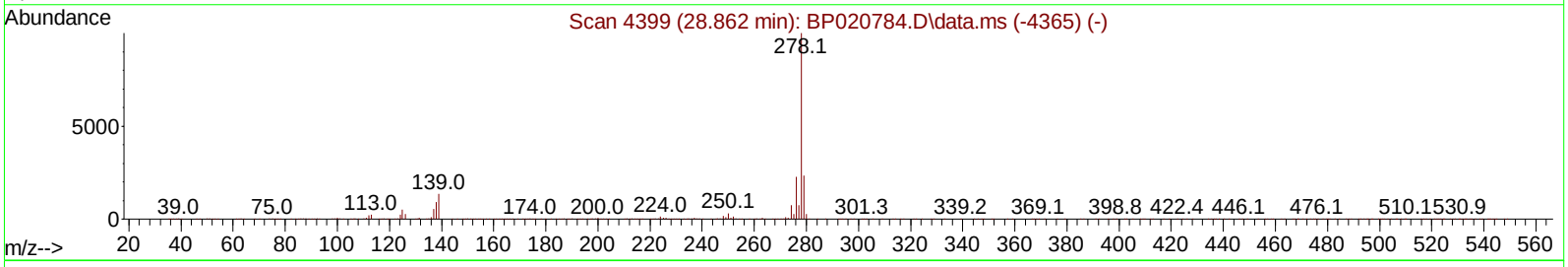
**Instrument :**
BNA_P
**ClientSampleId :**
A4CS5

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024




TIC: BP020808.D\data.ms

**(95) Dibenzo(a,h)anthracene**

**28.886min (+ 0.047) 1.36 ng/ul**

**response 102858**

| Ion | Exp% | Act% |
|---|---|---|
| 278.00 | 100.00 | 100.00 |
| 139.00 | 13.90 | 19.31# |
| 279.00 | 23.40 | 30.10# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

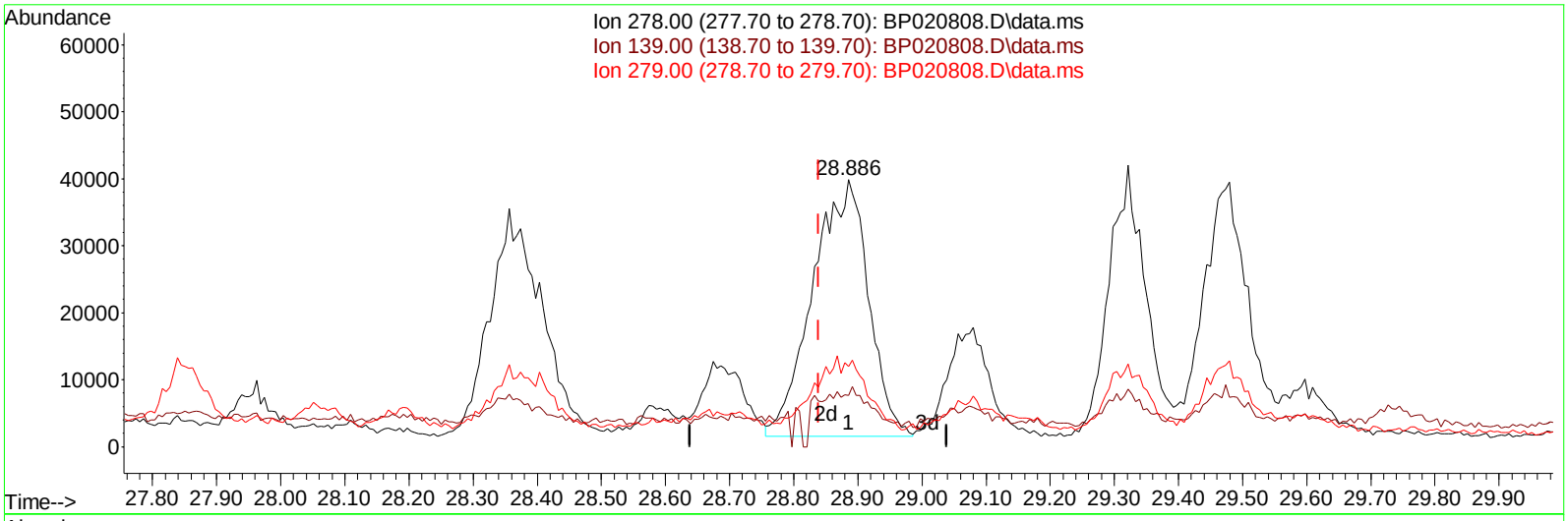
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070524\
Data File : BP020808.D
Acq On : 06 Jul 2024 05:33
Operator : MA/JU
Sample : P2964-11
Misc :
ALS Vial : 27 Sample Multiplier: 1

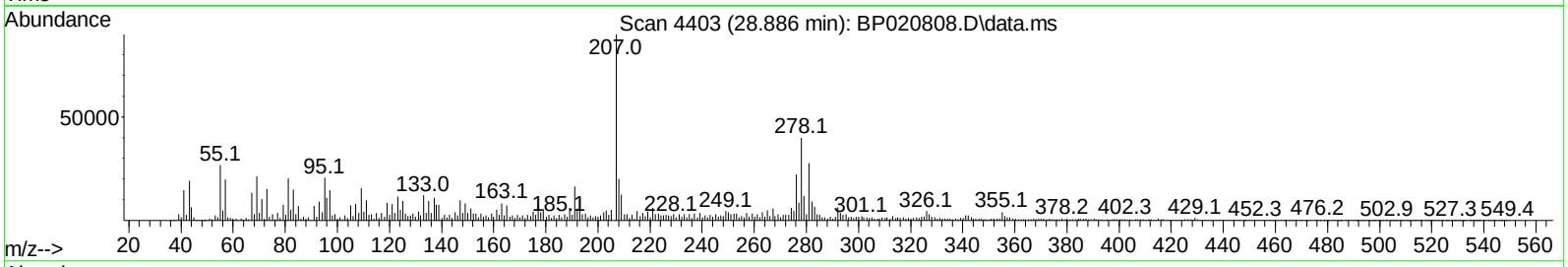
Quant Time: Jul 06 05:59:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 15:01:56 2024
Response via : Initial Calibration

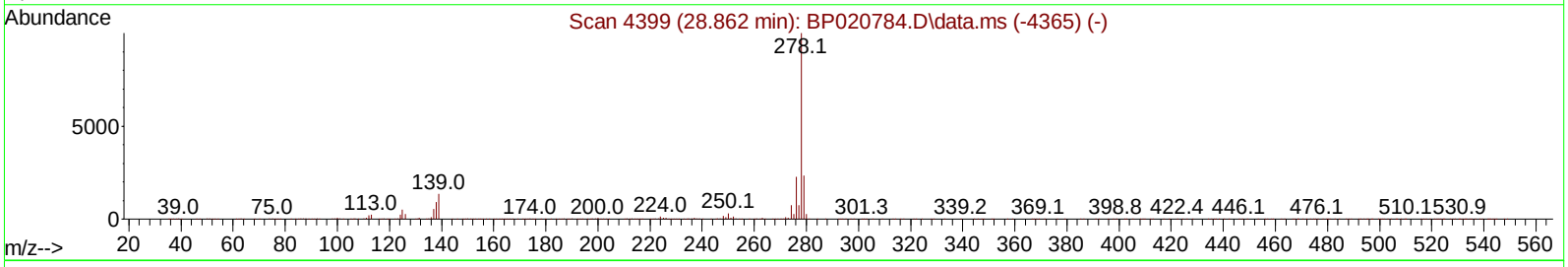
**Instrument :**
BNA_P
**ClientSampleId :**
A4CS5

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024




TIC: BP020808.D\data.ms

**(95) Dibenzo(a,h)anthracene**

**28.886min (+ 0.047) 3.03 ng/ul m**

**response 229223**

| Ion | Exp% | Act% |
|---|---|---|
| 278.00 | 100.00 | 100.00 |
| 139.00 | 13.90 | 19.31# |
| 279.00 | 23.40 | 30.10# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

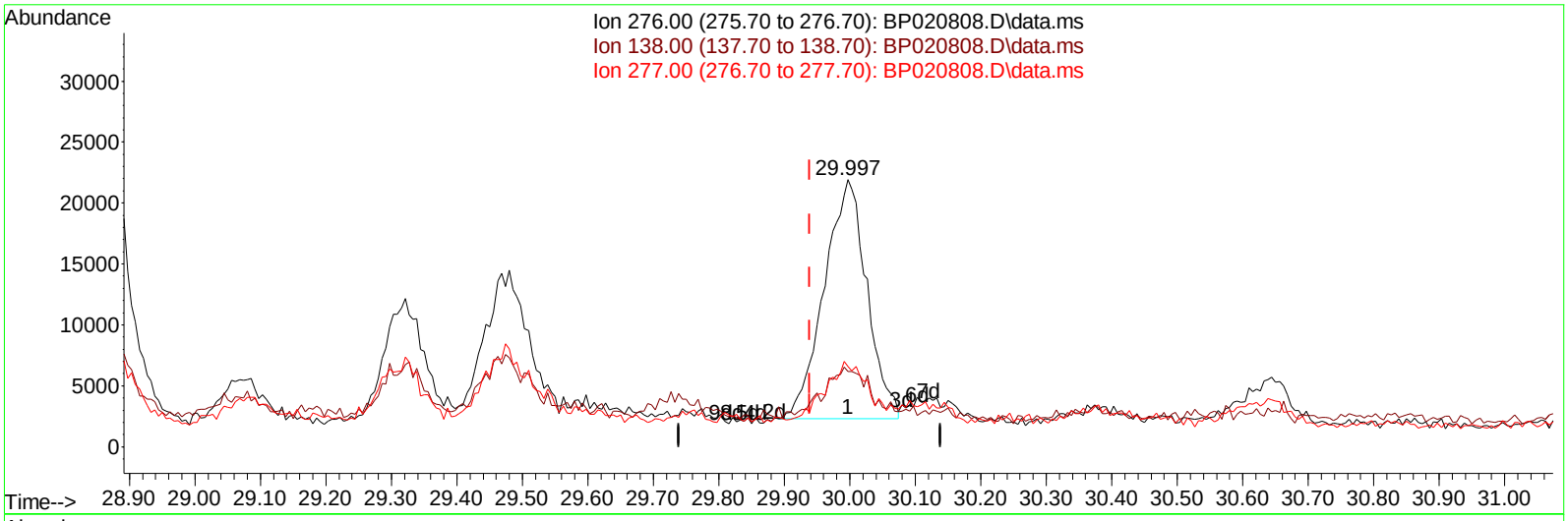
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070524\
Data File : BP020808.D
Acq On : 06 Jul 2024 05:33
Operator : MA/JU
Sample : P2964-11
Misc :
ALS Vial : 27 Sample Multiplier: 1

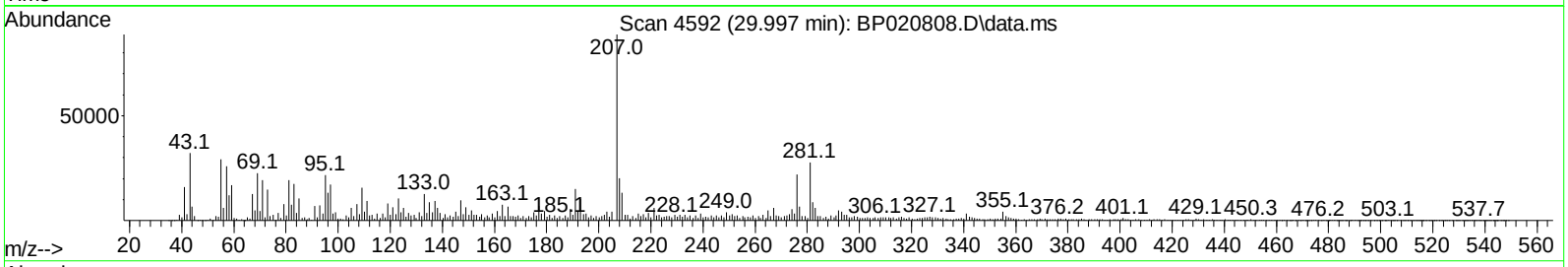
Quant Time: Jul 06 06:00:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 15:01:56 2024
Response via : Initial Calibration

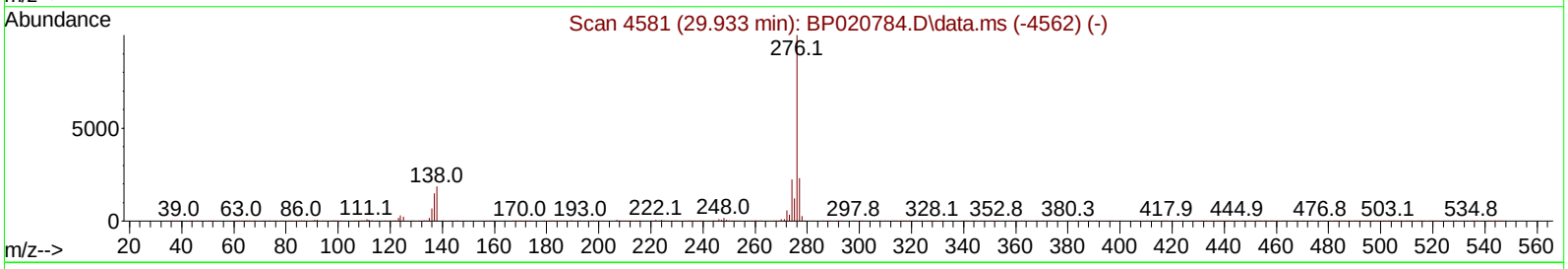
**Instrument :**
BNA_P
**ClientSampleId :**
A4CS5

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024




TIC: BP020808.D\data.ms

**(96) Benzo(g,h,i)perylene**

**29.997min (+ 0.059) 1.18 ng/ul**

**response 88811**

| Ion | Exp% | Act% |
|---|---|---|
| 276.00 | 100.00 | 100.00 |
| 138.00 | 20.50 | 28.19# |
| 277.00 | 23.40 | 30.13# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

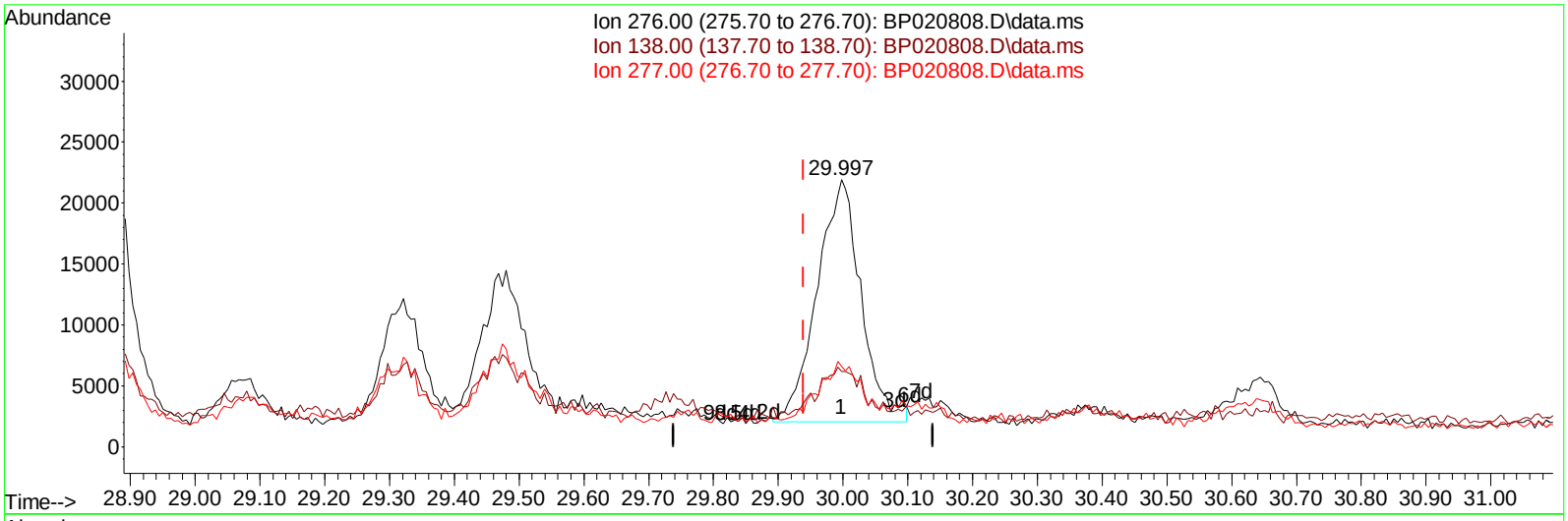
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070524\
Data File : BP020808.D
Acq On : 06 Jul 2024 05:33
Operator : MA/JU
Sample : P2964-11
Misc :
ALS Vial : 27 Sample Multiplier: 1

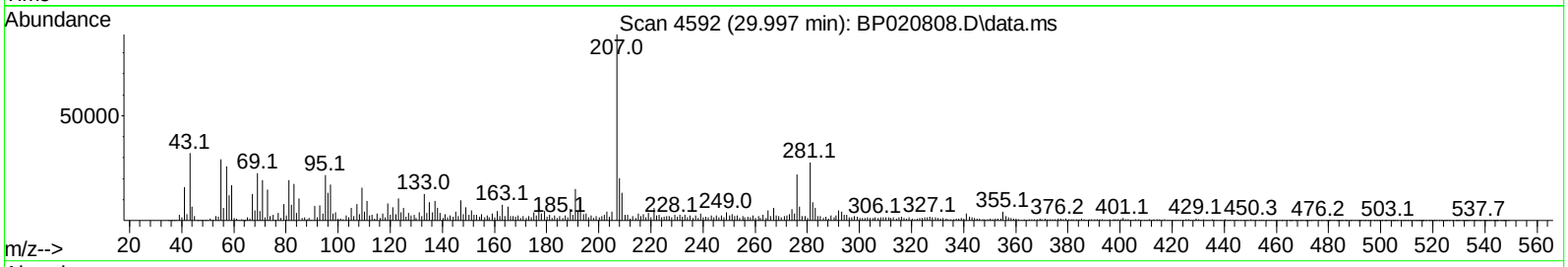
Quant Time: Jul 06 06:00:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 15:01:56 2024
Response via : Initial Calibration

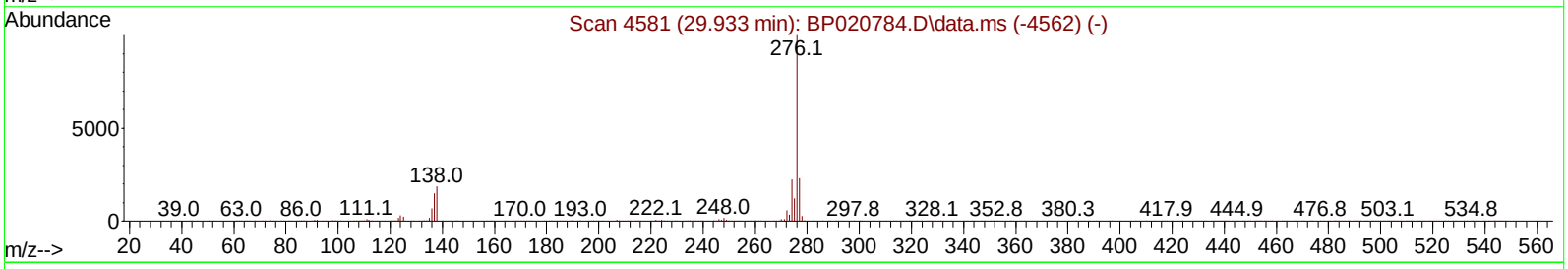
**Instrument :**
BNA_P
**ClientSampleId :**
A4CS5

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024




TIC: BP020808.D\data.ms

**(96) Benzo(g,h,i)perylene**

**29.997min (+ 0.059) 1.24 ng/ul m**

**response 92956**

| Ion | Exp% | Act% |
|---|---|---|
| 276.00 | 100.00 | 100.00 |
| 138.00 | 20.50 | 28.19# |
| 277.00 | 23.40 | 30.13# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070524\
Data File : BP020808.D
Acq On : 06 Jul 2024 05:33
Operator : MA/JU
Sample : P2964-11
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Jul 06 06:01:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 15:01:56 2024
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
A4CS5

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.728 | 152 | 232895 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.498 | 136 | 958659 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.357 | 164 | 615816 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.175 | 188 | 1236087 | 20.000 | ng/ul | 0.01 |
| 79) Chrysene-d12 | 21.633 | 240 | 1037479 | 20.000 | ng/ul | 0.01 |
| 88) Perylene-d12 | 25.004 | 264 | 1254684 | 20.000 | ng/ul | 0.03 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.264 | 96 | 16278 | 3.001 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 0.000 | 84 | 0d | 0.000 | ng/ul | |
| 7) Phenol-d5 | 6.922 | 99 | 375022 | 19.633 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.075 | 67 | 224083 | 18.504 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.269 | 132 | 321813 | 20.614 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.434 | 113 | 298449 | 19.237 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 8.881 | 128 | 158118 | 22.340 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.587 | 143 | 180302 | 25.456 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.134 | 165 | 310466 | 21.280 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.645 | 131 | 78770 | 3.852 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 13.769 | 166 | 963988 | 22.514 | ng/ul | 0.01 |
| 49) Acenaphthylene-d8 | 14.045 | 160 | 1101546 | 21.560 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.598 | 143 | 123236 | 18.838 | ng/ul | 0.02 |
| 60) Fluorene-d10 | 15.369 | 176 | 829671 | 23.027 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.504 | 200 | 96822 | 15.543 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.269 | 188 | 1202024 | 21.668 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.663 | 212 | 1169141 | 18.758 | ng/ul | 0.01 |
| 92) Benzo(a)pyrene-d12 | 24.768 | 264 | 904599 | 14.822 | ng/ul | 0.03 |
| Target Compounds | | | | | | Qvalue |
| 30) Naphthalene | 10.551 | 128 | 90169 | 1.757 | ng/ul | 99 |
| 36) 2-Methylnaphthalene | 12.151 | 142 | 35087 | 1.021 | ng/ul | 98 |
| 50) Acenaphthylene | 14.081 | 152 | 144737 | 2.508 | ng/ul | 99 |
| 56) Dibenzofuran | 14.763 | 168 | 53919 | 1.045 | ng/ul | 96 |
| 61) Fluorene | 15.422 | 166 | 45040 | 1.087 | ng/ul# | 99 |
| 72) Phenanthrene | 17.216 | 178 | 903266 | 13.955 | ng/ul | 99 |
| 74) Anthracene | 17.304 | 178 | 238387 | 3.580 | ng/ul | 99 |
| 77) Carbazole | 17.598 | 167 | 79639 | 1.449 | ng/ul | 95 |
| 80) Fluoranthene | 19.310 | 202 | 1713111 | 22.501 | ng/ul | 99 |
| 82) Pyrene | 19.692 | 202 | 1379191 | 17.664 | ng/ul | 98 |
| 85) Benzo(a)anthracene | 21.615 | 228 | 920051 | 12.652 | ng/ul# | 90 |
| 87) Chrysene | 21.686 | 228 | 1000328 | 14.553 | ng/ul | 96 |
| 90) Benzo(b)fluoranthene | 23.939 | 252 | 1352171 | 17.789 | ng/ul# | 95 |
| 91) Benzo(k)fluoranthene | 24.004 | 252 | 464223m | 6.038 | ng/ul | |
| 93) Benzo(a)pyrene | 24.833 | 252 | 544042 | 7.582 | ng/ul# | 92 |
| 94) Indeno(1,2,3-cd)pyrene | 28.821 | 276 | 647989 | 7.041 | ng/ul | 96 |
| 95) Dibenzo(a,h)anthracene | 28.886 | 278 | 229223m | 3.030 | ng/ul | |
| 96) Benzo(g,h,i)perylene | 29.997 | 276 | 92956m | 1.237 | ng/ul | |

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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